(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 2 June 2005 (02.06.2005)

PCT

(10) International Publication Number WO 2005/050260 A2

(51) International Patent Classification⁷:

G02B

(21) International Application Number:

PCT/US2004/036649

(22) International Filing Date:

3 November 2004 (03.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10/713,874

14 November 2003 (14.11.2003) US

(71) Applicant (for all designated States except US): QUARTER LAMBDA TECHNOLOGIES, INC. [US/US]; 1784 La Costa Meadow Drive, Suite 103,, San Marcos, CA 92069 (US).

(72) Inventors; and

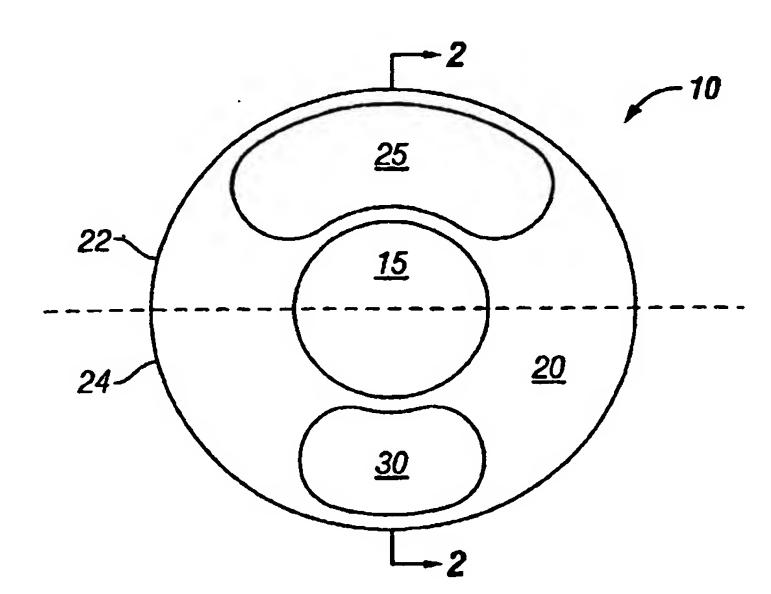
(75) Inventors/Applicants (for US only): LEGERTON, Jerome [US/US]; 874 Harbor View Place, San Diego, CA

92106 (US). CHEN, Barry [US/US]; 8578 Burr Lane, San Diego, CA 92129 (US).

- (74) Agent: HEISEY, David, E.; Luce, Forward, Hamilton & Scripps LLP, 600 W. Broadway, Suite 2600, San Diego, CA 92101 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,

[Continued on next page]

(54) Title: CONTACT LENS



(57) Abstract: The present invention provides a contact lens comprising a central portion including an optical zone, a peripheral portion surrounding the central portion and at least two areas of unequal size located on the peripheral portion, wherein the areas of unequal size have a thickness that is less than a thickness of the peripheral portion. According to some embodiments, the contact lens comprises a hybrid contact lens having a substantially rigid center portion and a substantially flexible peripheral portion.